

Figure 1: Conventional Switch (PRIOR ART)

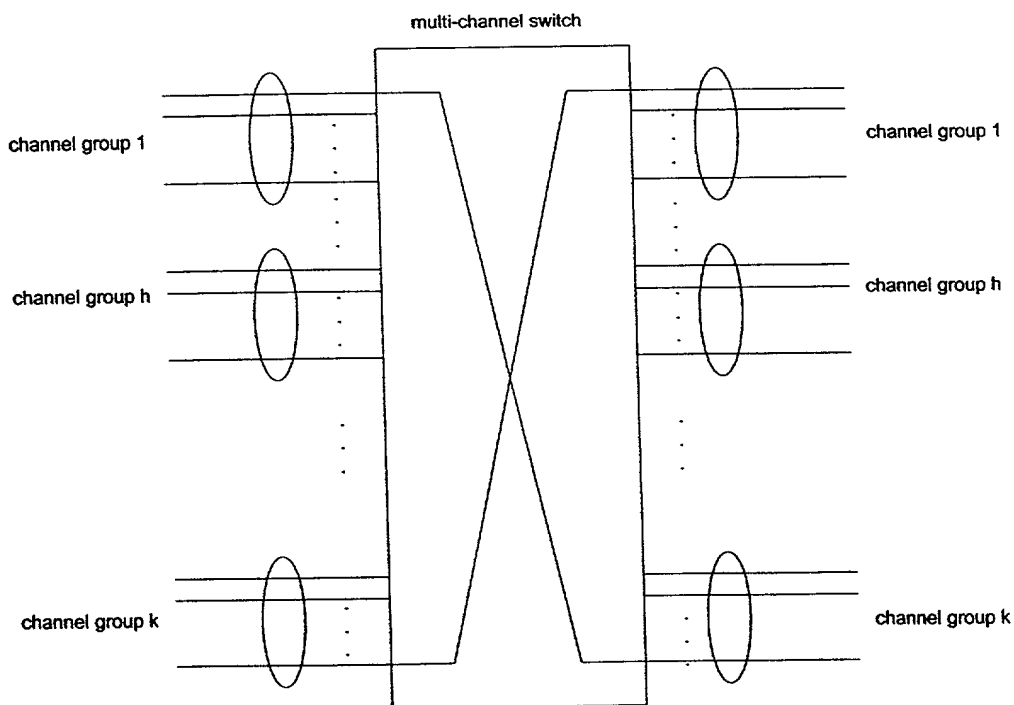


Figure 2 (PRIOR ART)

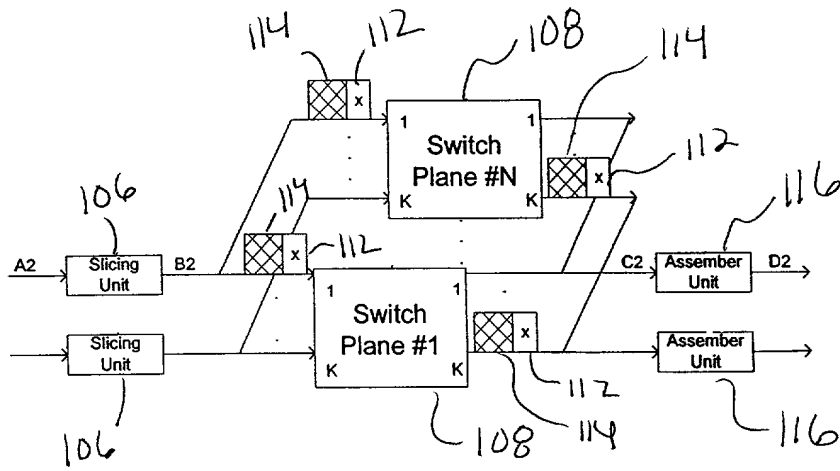


Figure 3(a) (PRIOR ART)

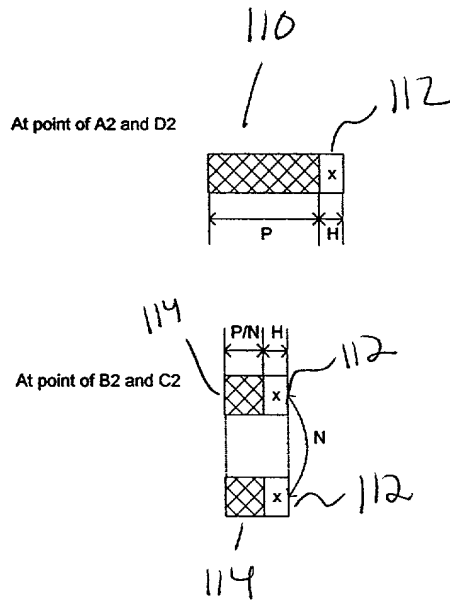


Figure 3(b) (PRIOR ART)

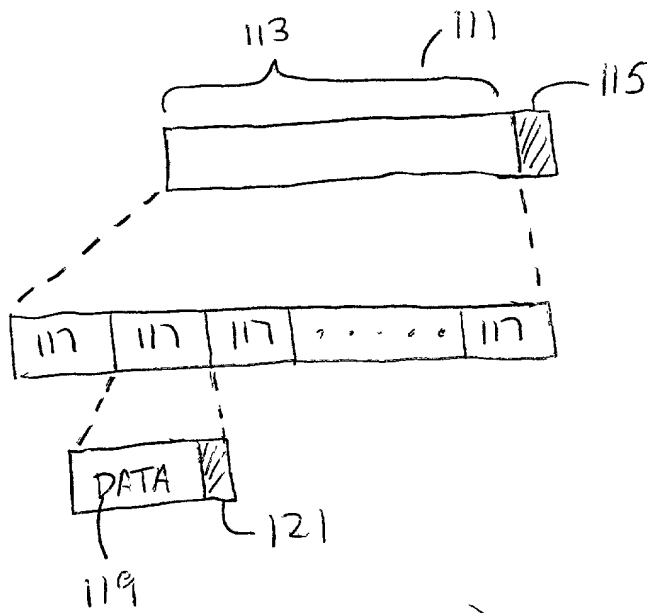


Figure 4(a)

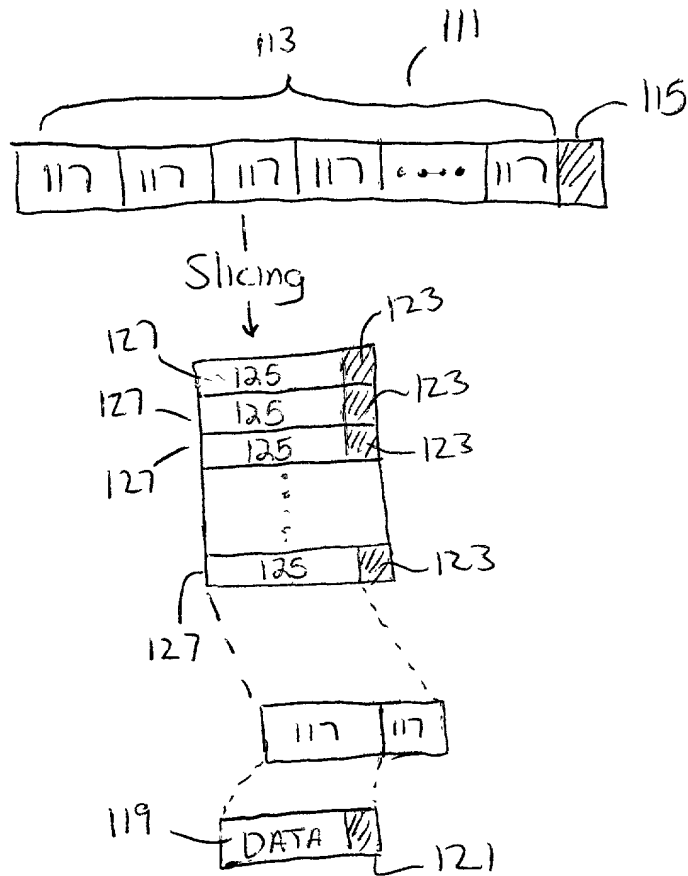


Figure 4(b)

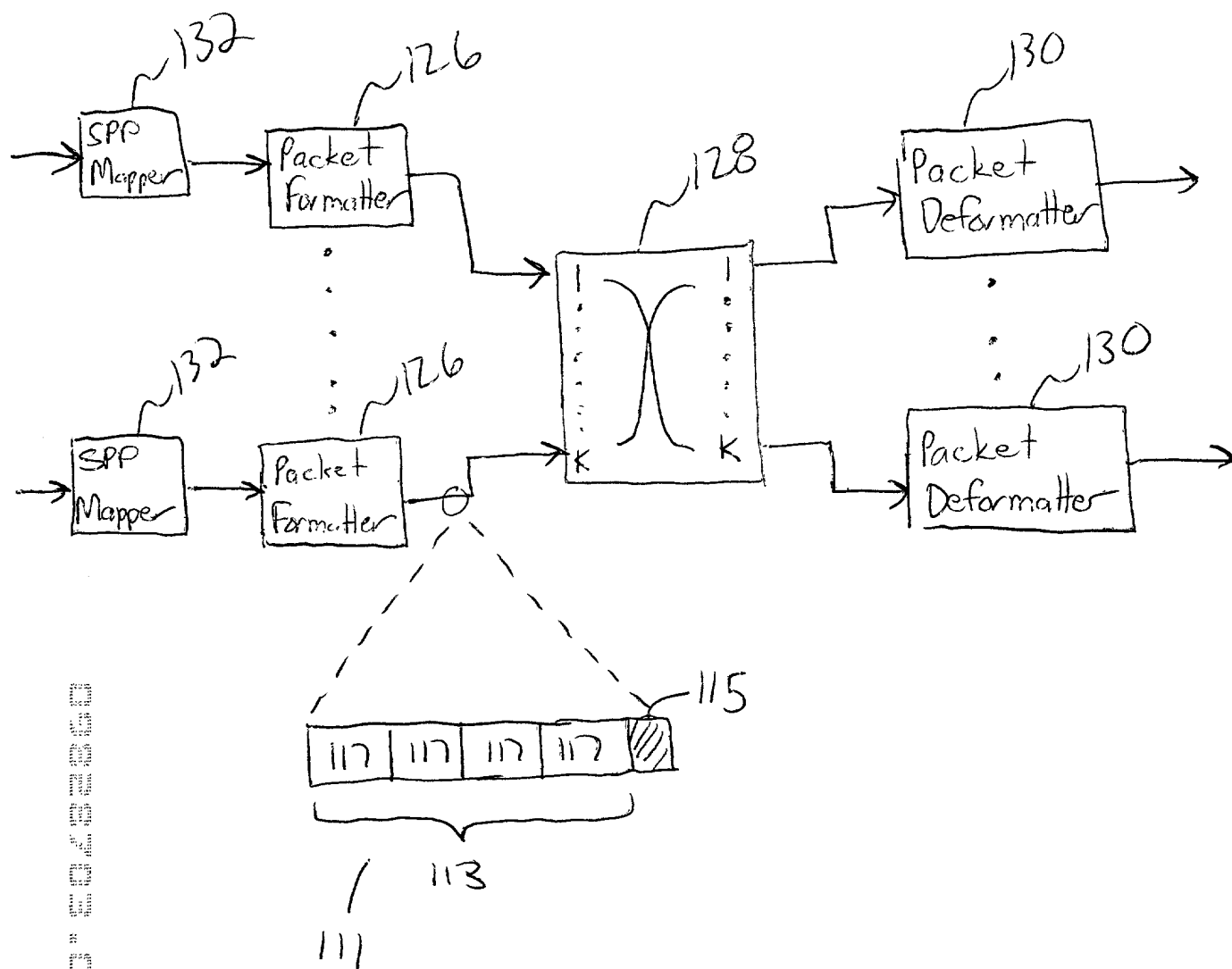


Figure 5

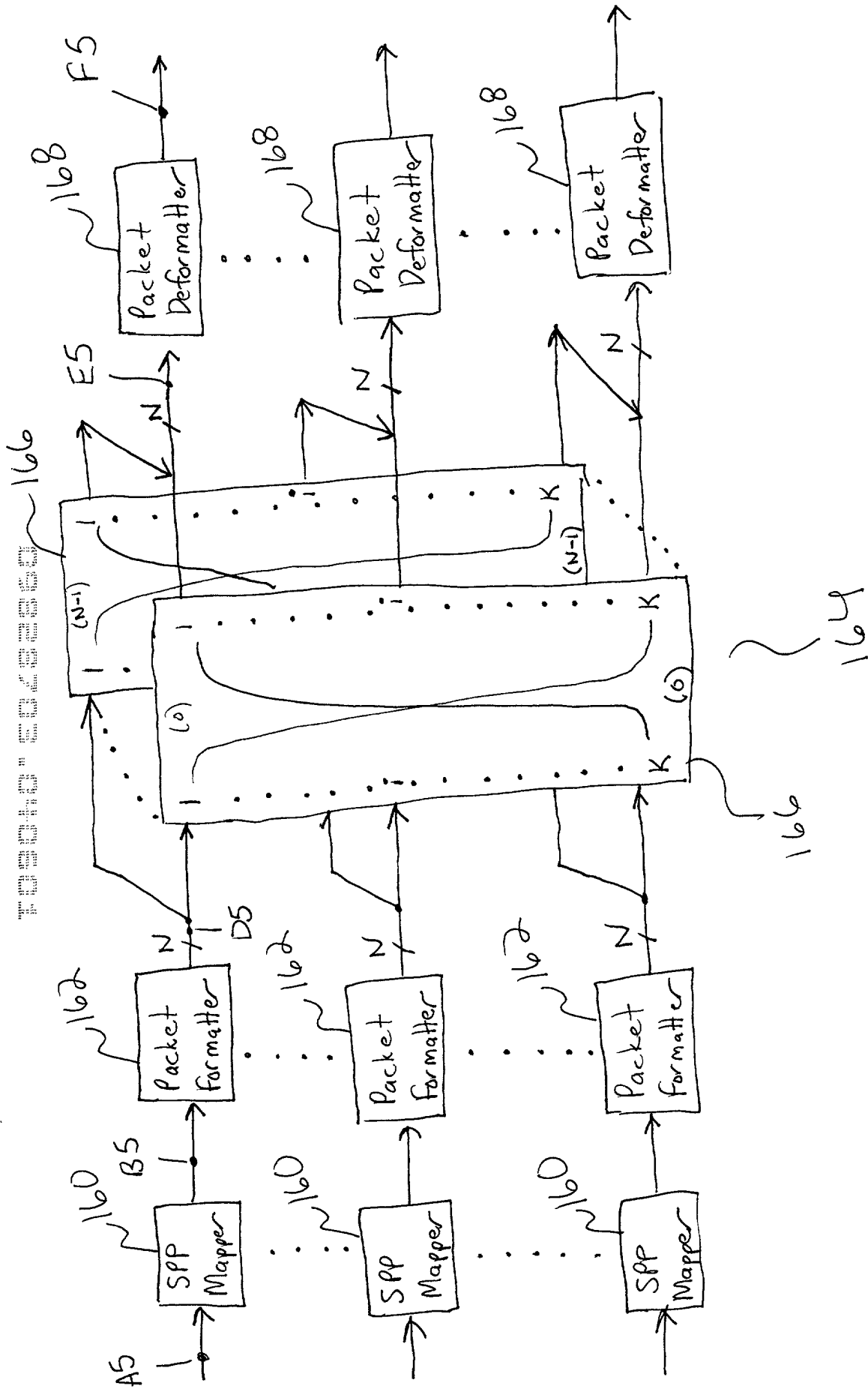


Figure 6

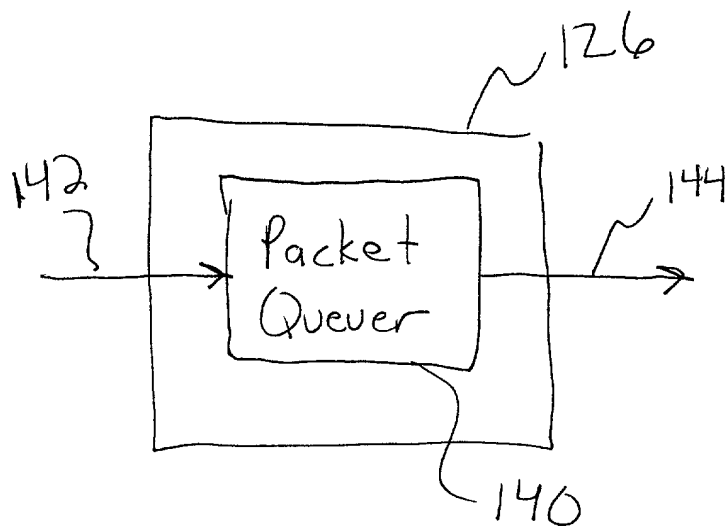


Figure 7(a)

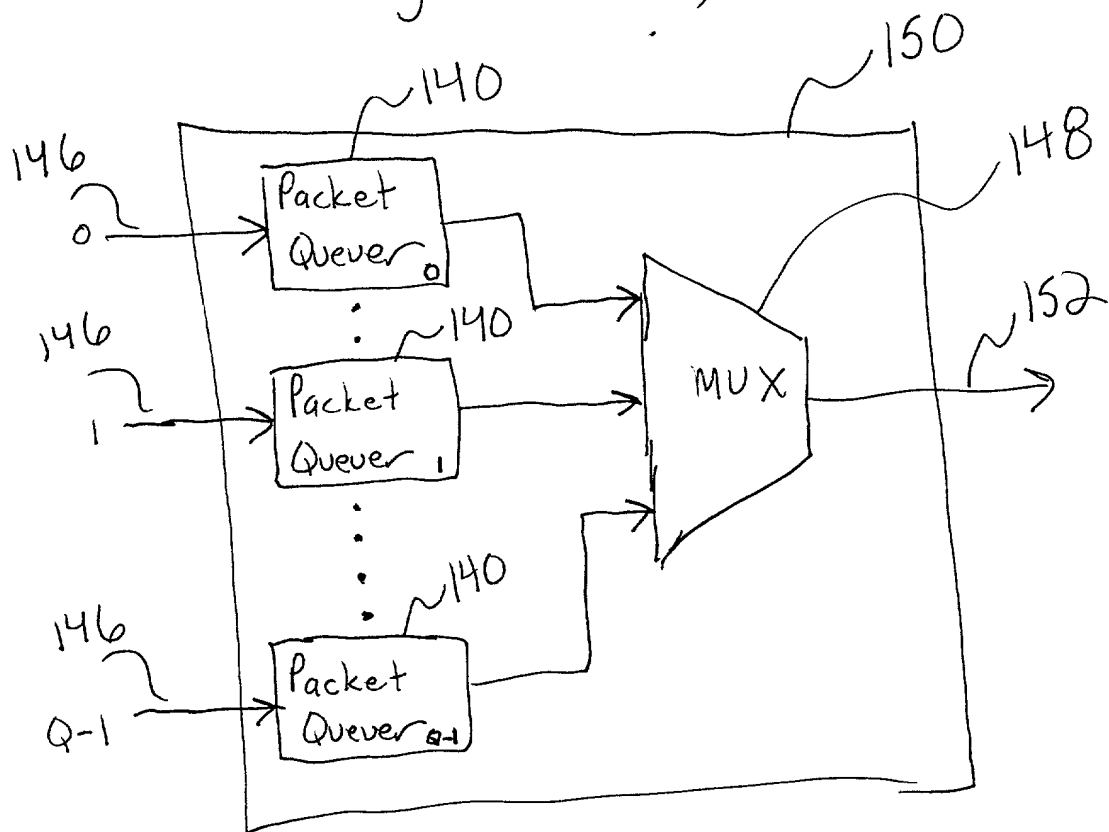


Figure 7(b)

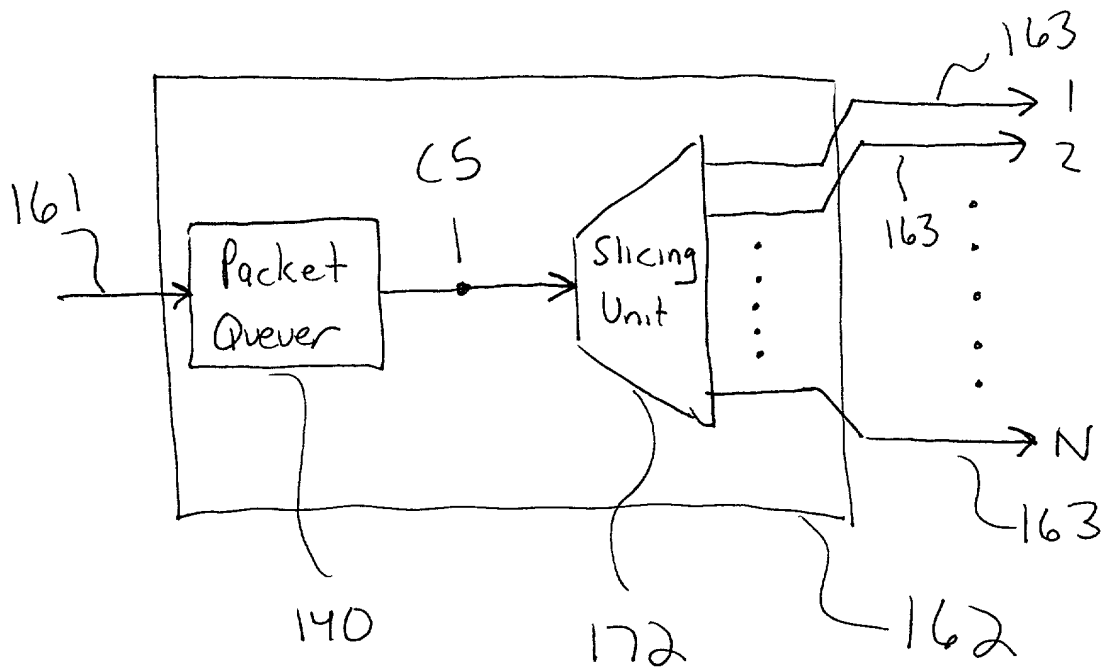


Figure 8(a)

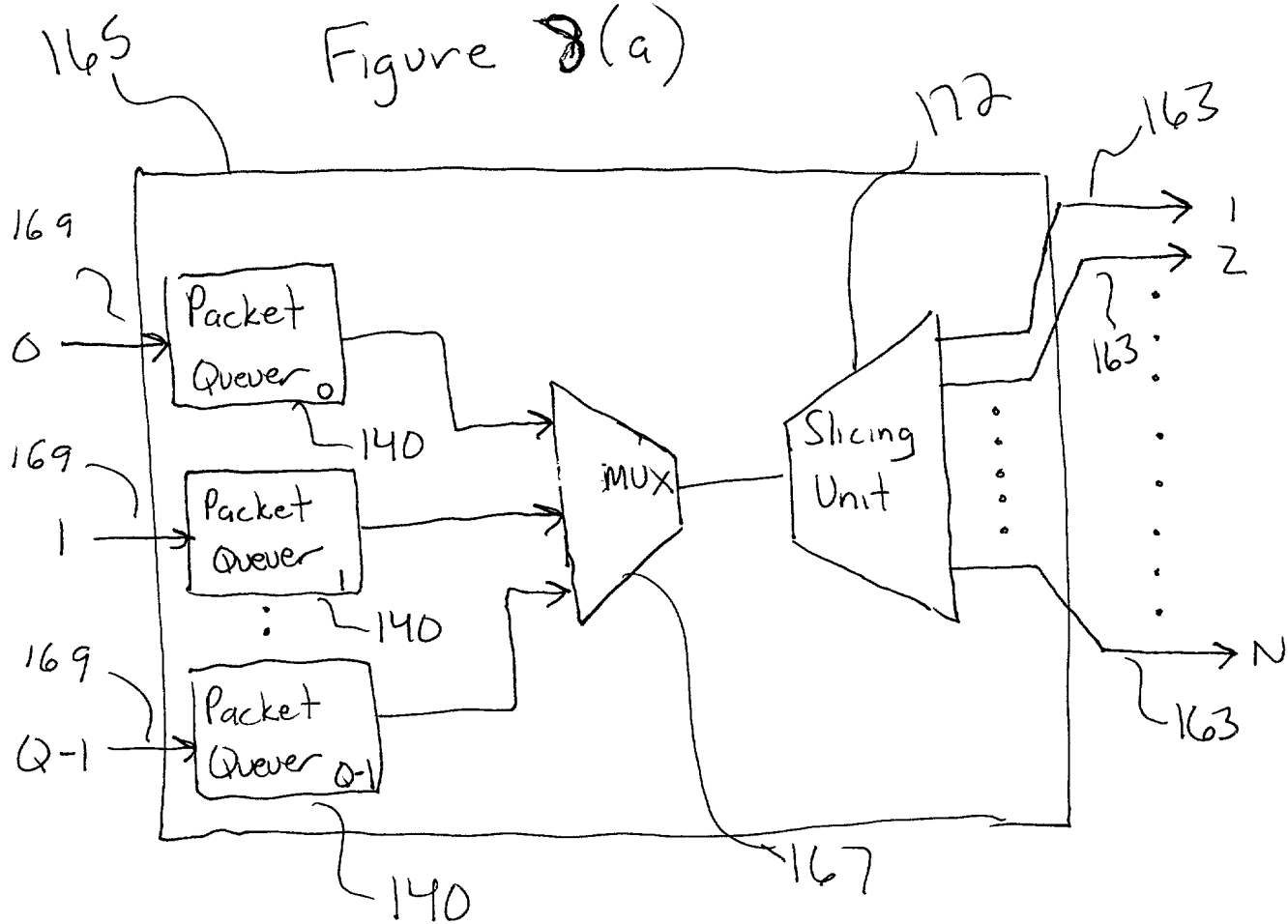


Figure 8(b)

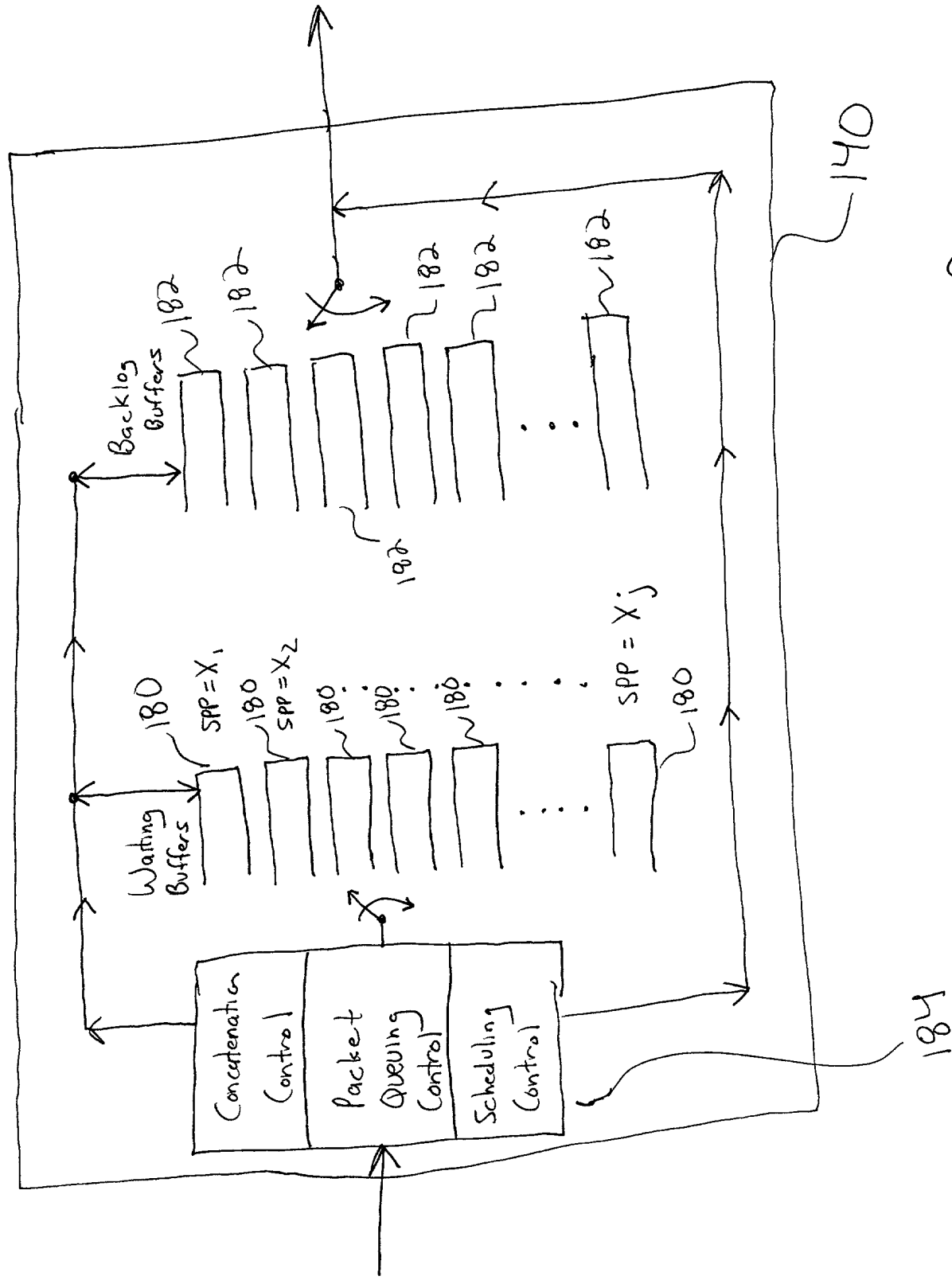


Figure 9

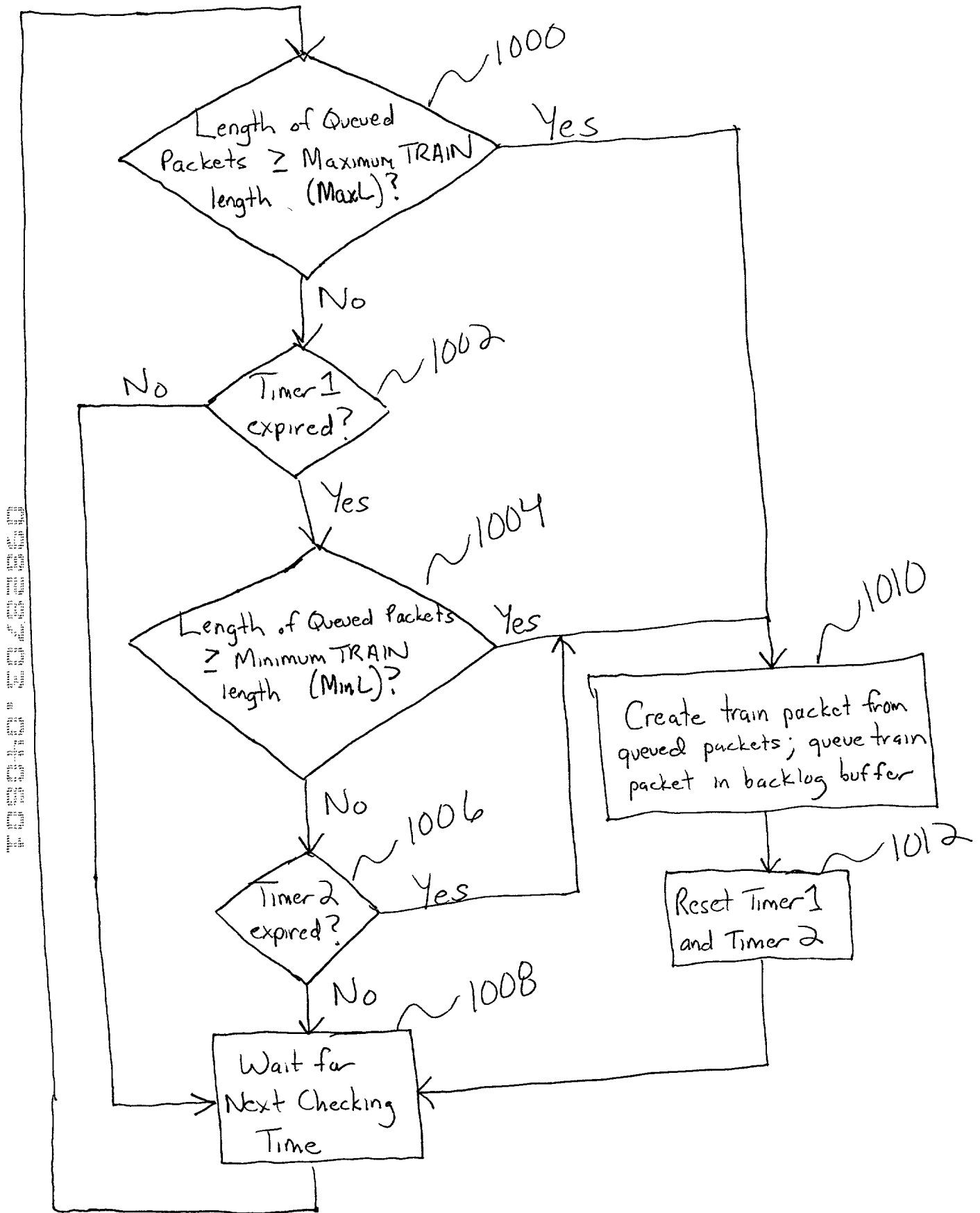
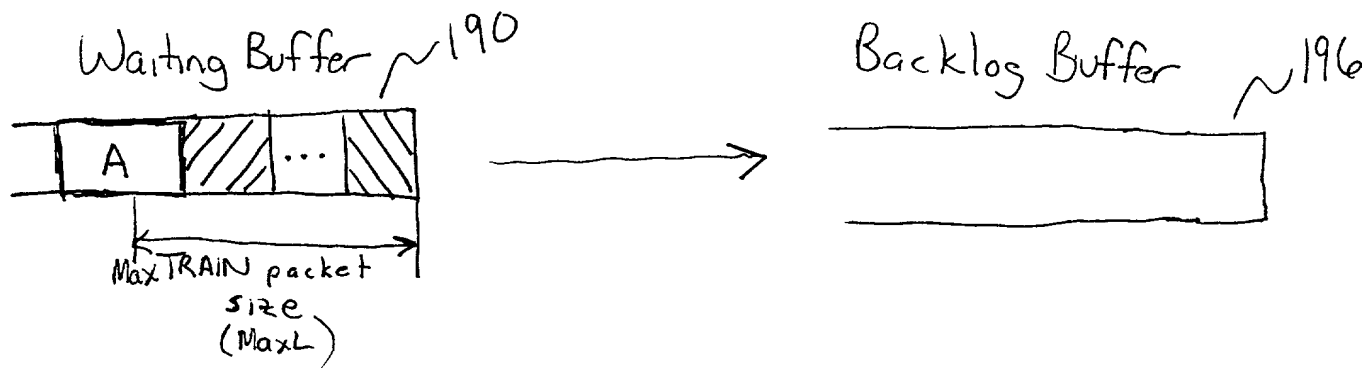
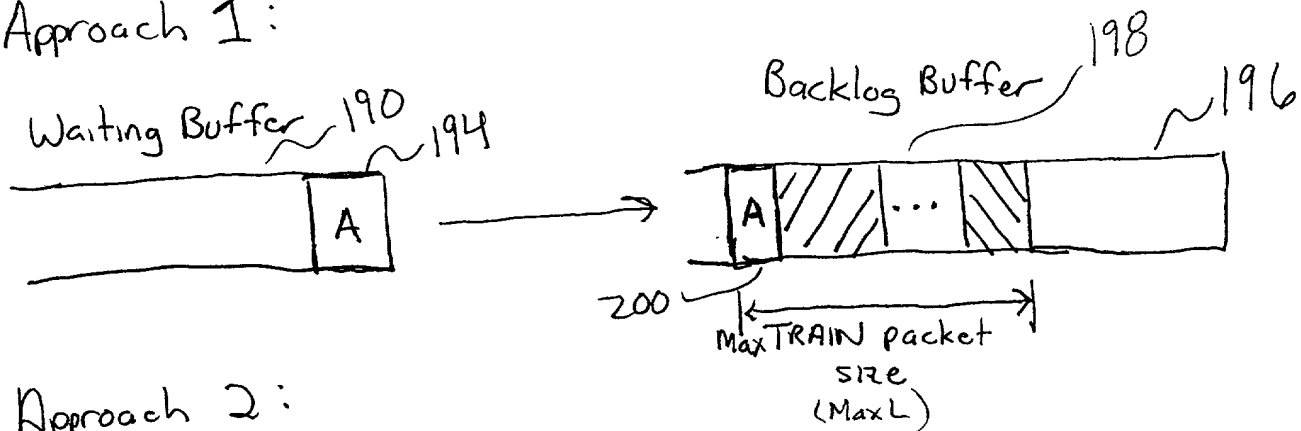


Figure 10



Approach 1:



Approach 2:

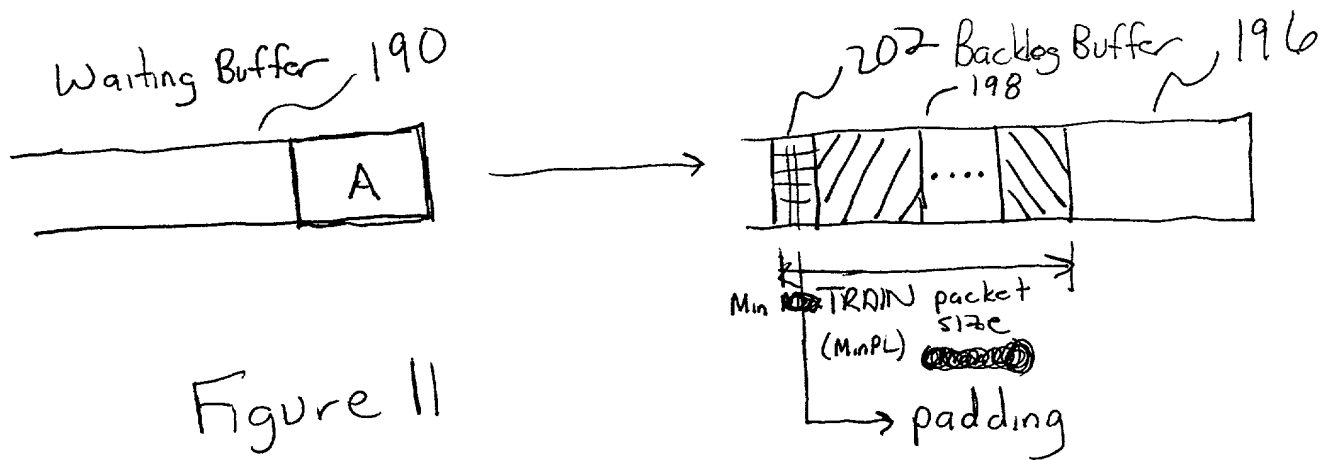


Figure 11

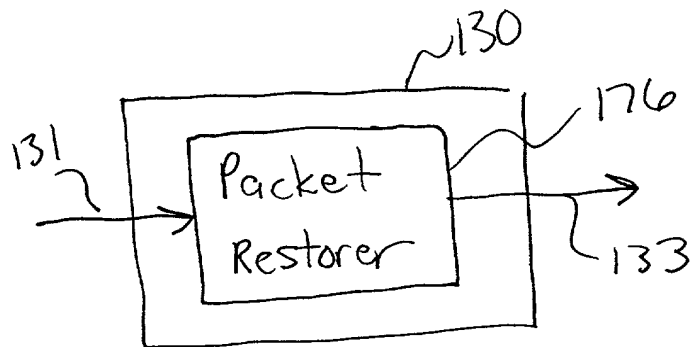


Figure 12

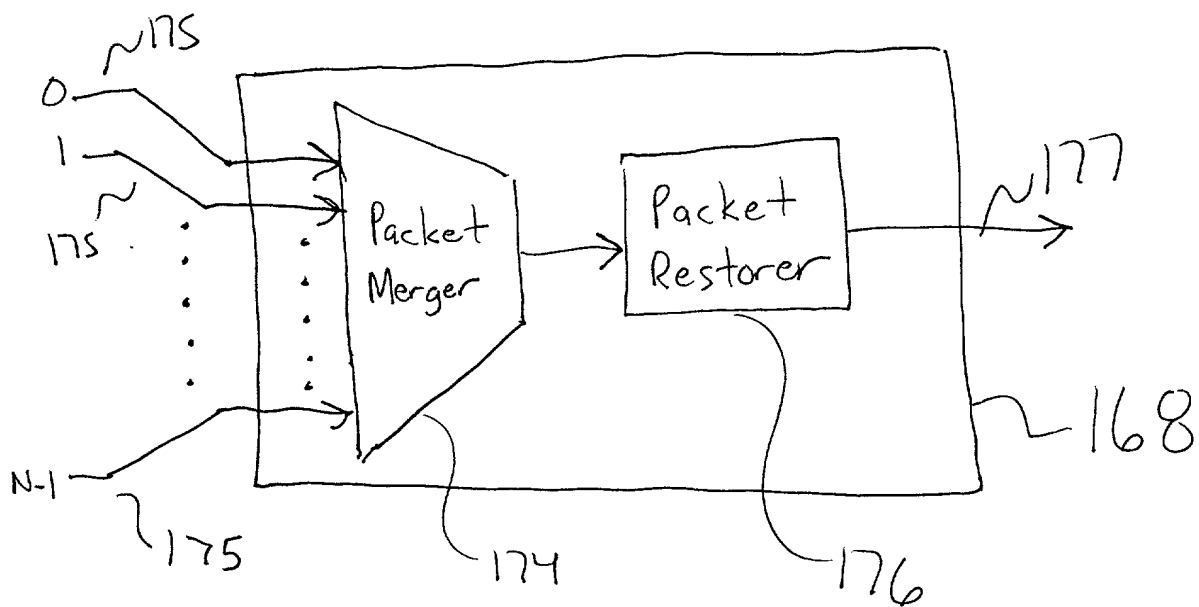


Figure 13(a)

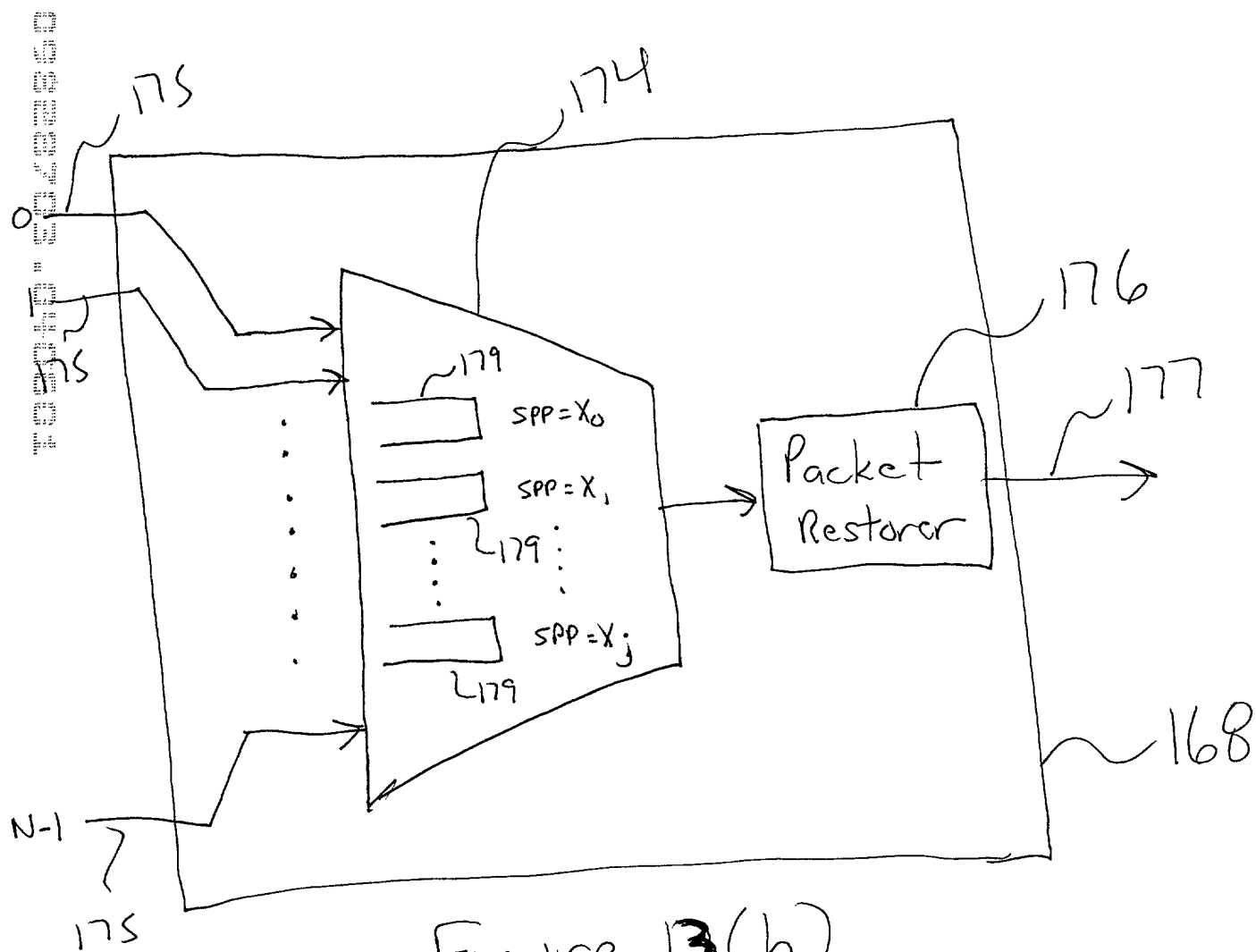


Figure 13(b)

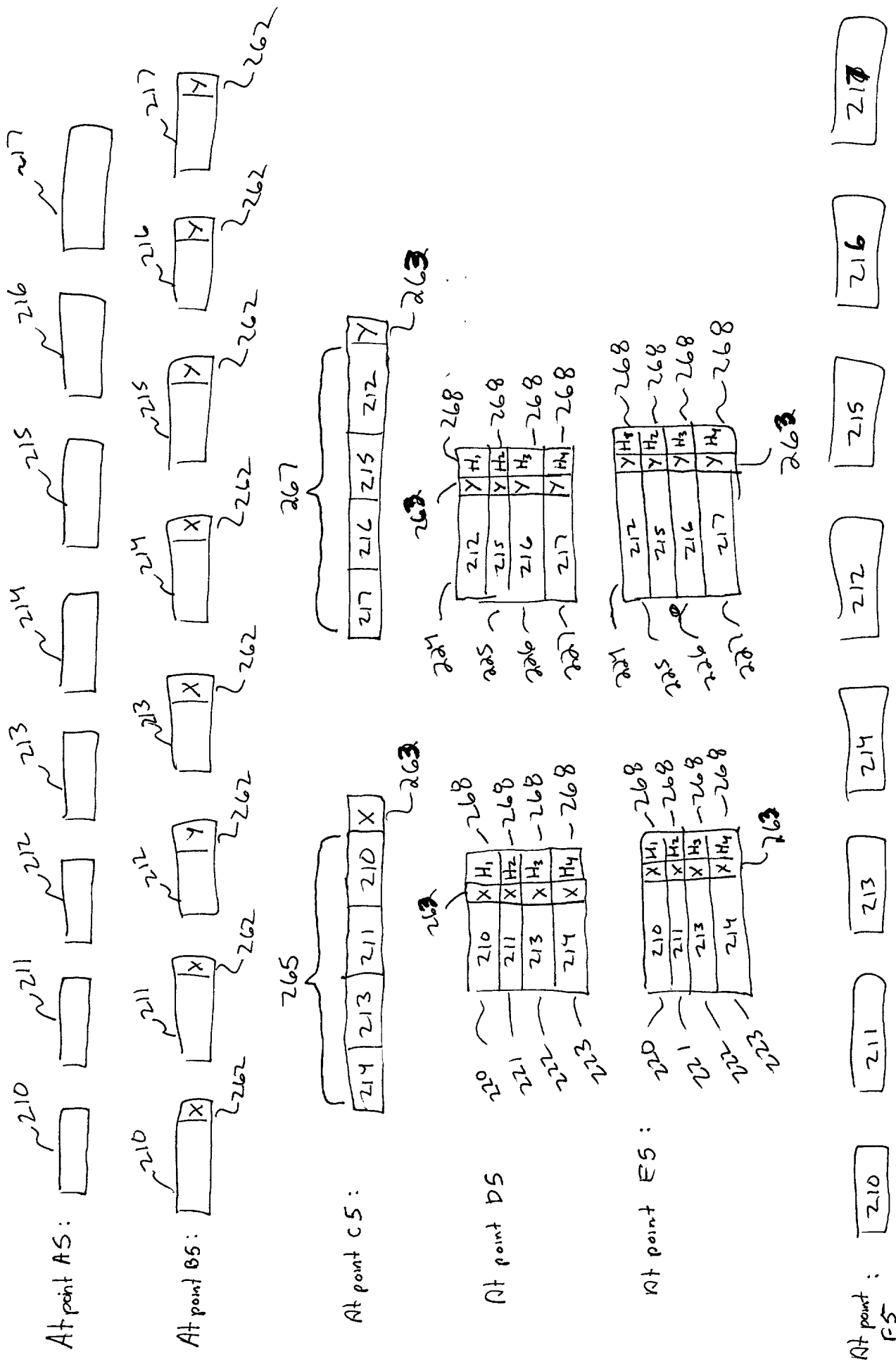


Figure 14

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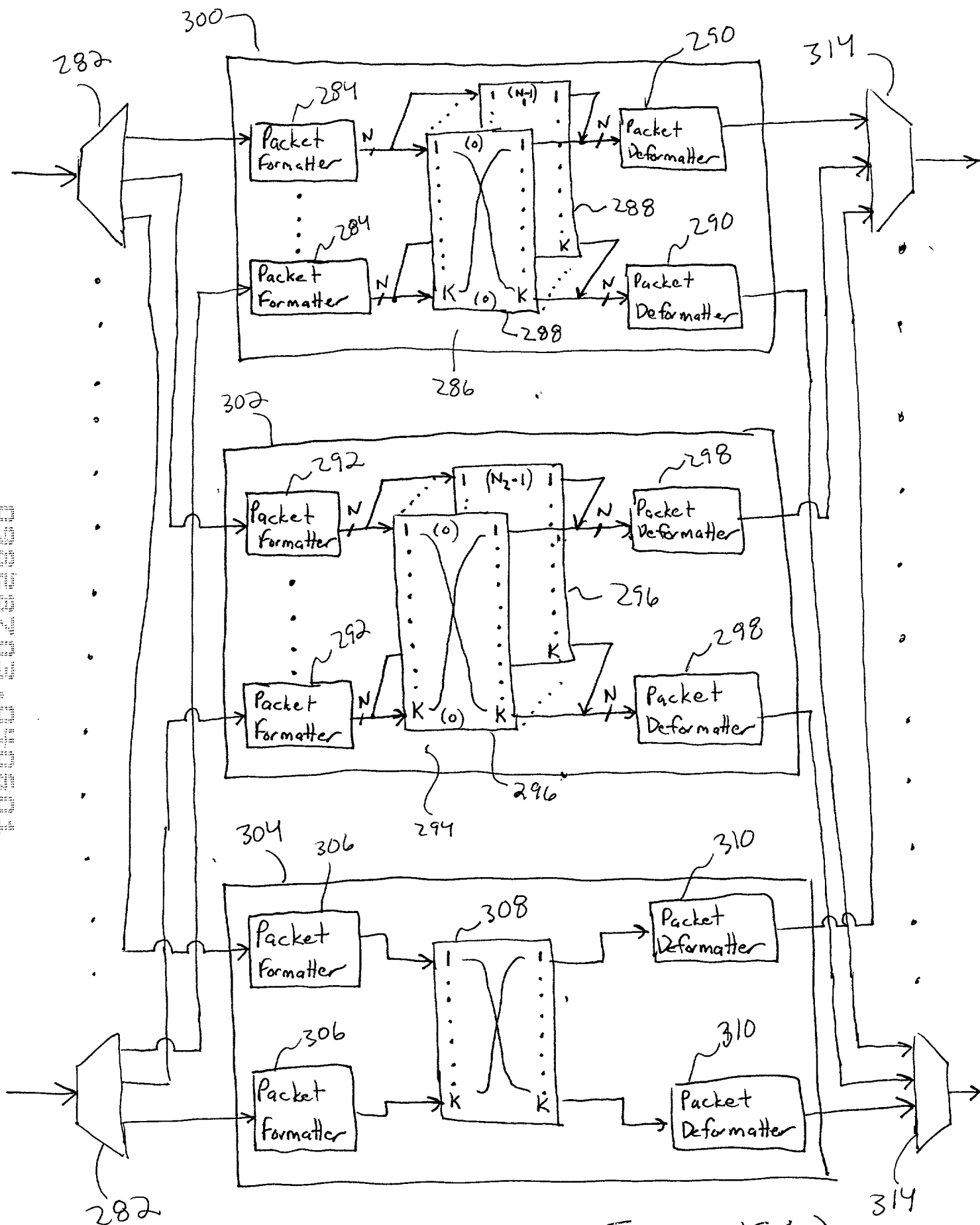


Figure 15(a)

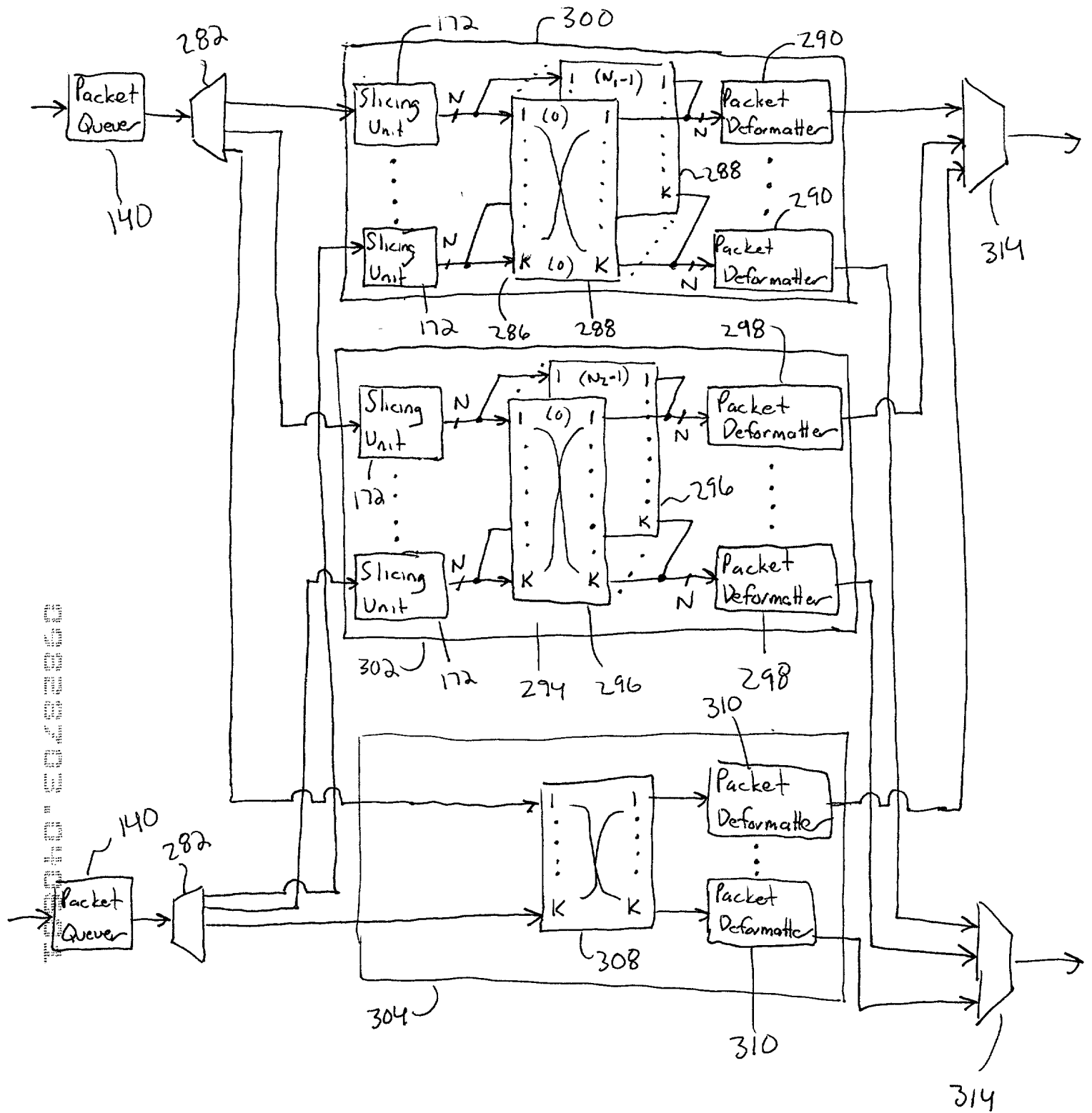


Figure 15(b)

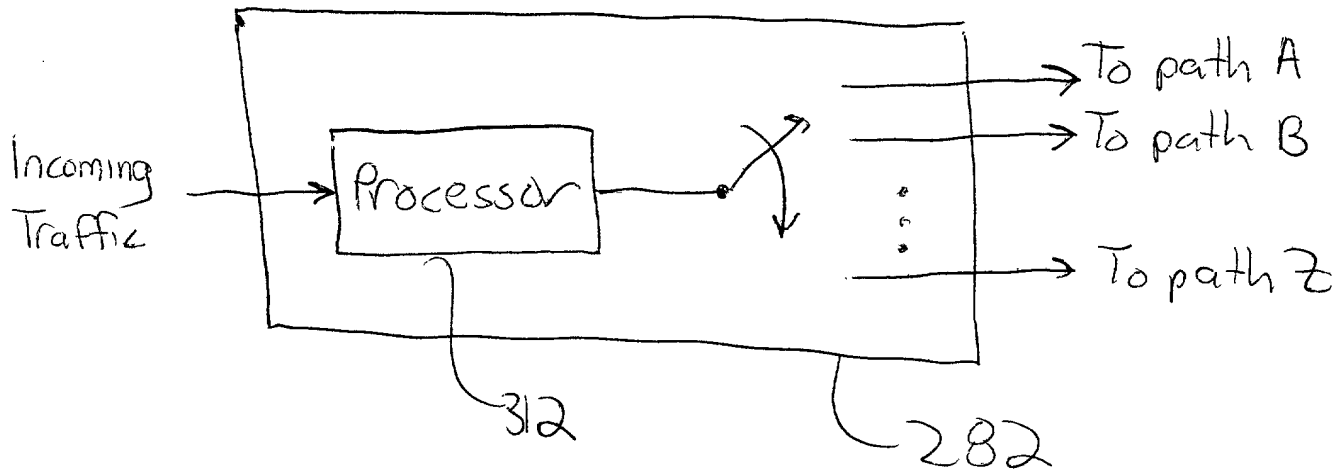


Figure 16

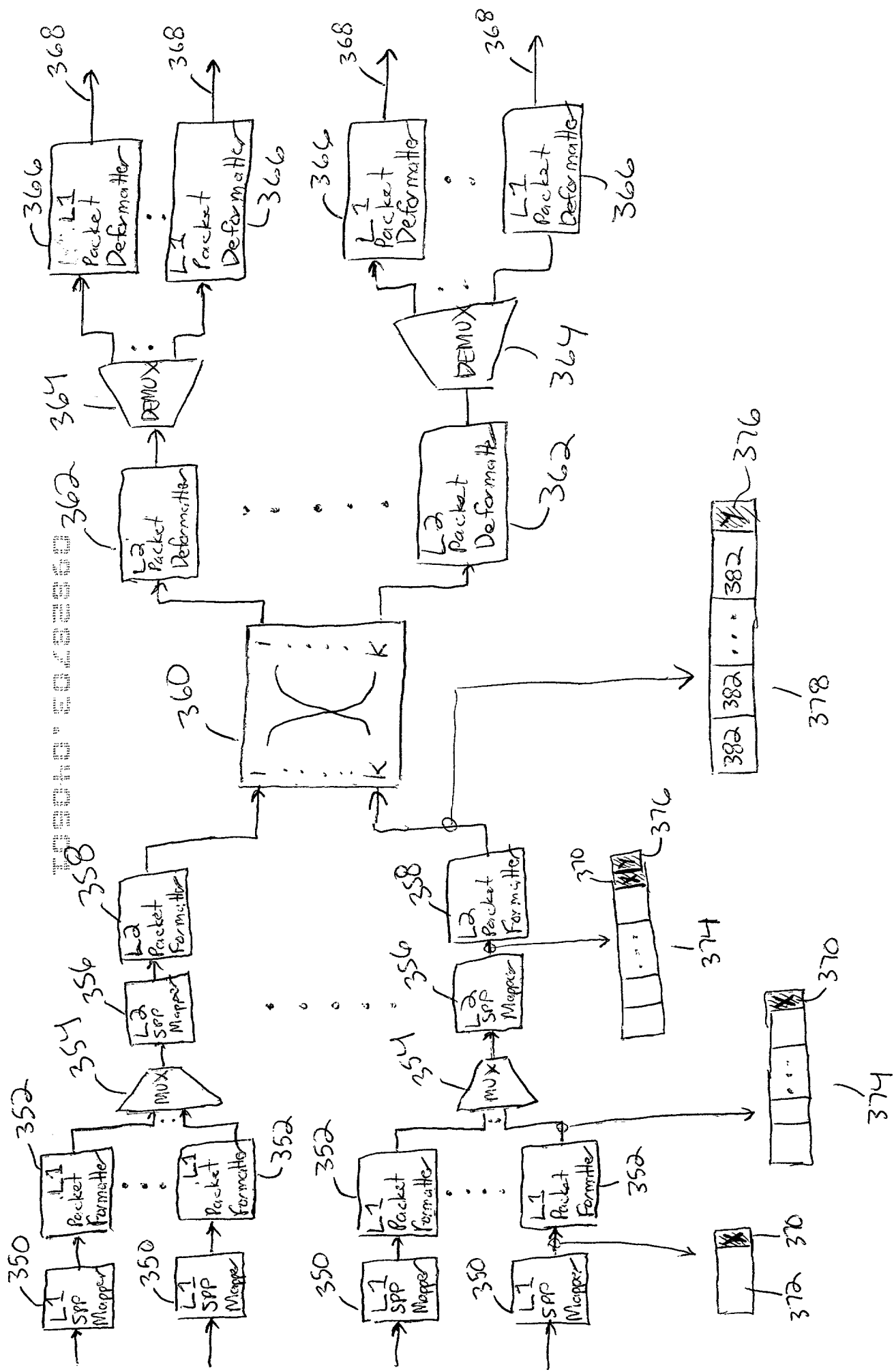


Figure 17(a)

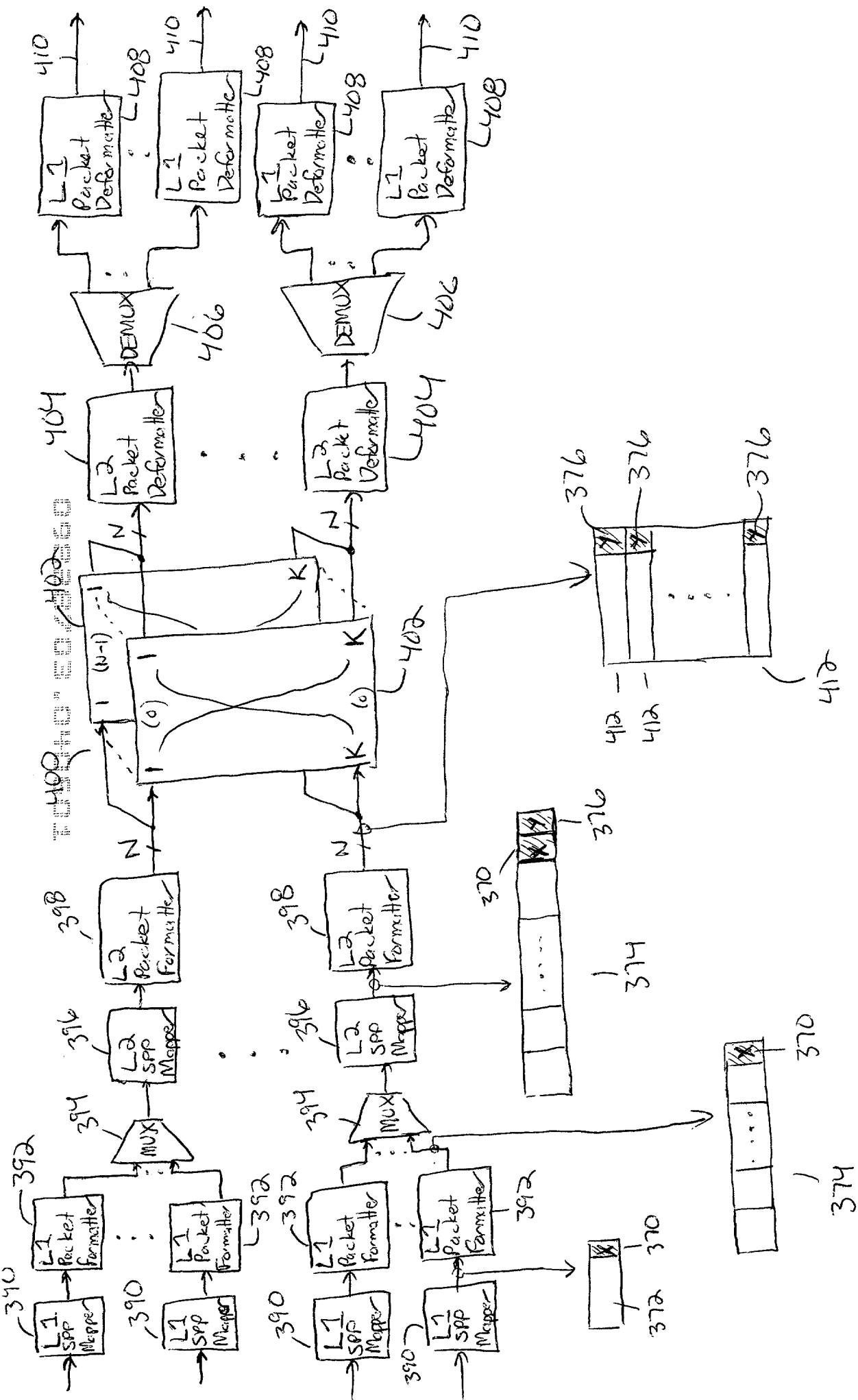


Figure 17(b)